



California ISO

Interconnection Process Enhancements (IPE) 2021 – Data Transparency


Stakeholder Meeting

May 31, 2022

Housekeeping reminders

- This call is being recorded for informational and convenience purposes only. Any related transcriptions should not be reprinted without ISO's permission.
- Meeting is structured to stimulate dialogue and engage different perspectives.
- Please keep comments professional and respectful.
- Please try and be brief and refrain from repeating what has already been said so that we can manage the time efficiently.

Instructions for raising your hand to ask a question

- If you are connected to audio through your computer or used the “call me” option, select the raise hand icon  located on the top right above the chat window. **Note:** #2 only works if you dialed into the meeting.
 - Please remember to state your name and affiliation before making your comment.
- If you need technical assistance during the meeting, please send a chat to the event producer.
- You may also send your question via chat to either Elizandra Casillas or to all panelists.

IPE Data Transparency Request

- Stakeholders requested the ability to obtain data from CAISO in different formats for analysis.
- Question to be answered: Is there a way to efficiently streamline the feeding of this information or provide a central point that this data can be provided / retrieved?
- Today's Objective
 - Discuss the data CAISO already provides, in what location(s) and format.
 - Discuss the opportunities, benefit, and limitations of the CAISO reformatting the data that is already be published.

Considerations in evaluation and ability to publish data

- Is the data considered confidential by
 - the tariff, the customers, the ISO, or FERC.
- Can the data be shared publicly without consensus or specific tariff approval.
- Stakeholders are seeking certain data in a certain format which is not consistent, and maybe inconsistent with the format the ISO has the data in.
- The resources (people-hours, technology, time, etc.) required to format and restructure data in other formats can be a very significant undertaking.

General Comments

- The ISO understands the importance of timely and accurate data for all parties to efficiently and accurately evaluate data for any various reason.
- Overall, the CAISO will consider the following in its efforts of providing accurate and timely data and postings:
 - The creation and use of unique identifiers for transmission upgrades.
 - The posting of study data to the MPP as soon as reasonably possible following a study process.
 - The evaluation of how to structure transmission data that is published and how it could bring more value to the ISO and stakeholders alike.
- Access to the MPP – the process should take ~30 days, assuming all documents are correct.

Transmission Development Forum Comments

- The ISO appreciates the Participating TOs and stakeholder support for the Transmission Development forum.
- The ISO will continue the transmission construction status discussions in that forum.
- Consistent with the paper, all items referenced in section 3 should be addressed via that forum.

TPD Allocation Data

TPD availability or where it has 'run out':

- The ISO recently published a Transmission Plan Deliverability (TPD) allocation report which provides information regarding where TPD is available and behind know constraints.
- Additionally, the transmission capabilities paper also provides TPD availability information.

PTO-level summary and details on areas that do not trigger shared upgrades

- The CAISO performs an operational deliverability assessment as part of the Phase II interconnection study.
- This operation study is based on assumptions of the in-service date for DNU's and provided on a cluster-by-cluster level for informational purposes only.

Transmission Data

- Phase II studies examine long-lead NUs to determine if a project can connect without it
 - This would add a significant burden and time to the already lengthy process and assumptions for the analysis would not be reliable at the time of the Phase II study.
- Study area boundaries – the boundaries are not strict identifiers for electrical boundaries, but are based on specific system-study requirements and needs; and may change over time.
- Provide more specific substation and bay-position data
 - The CAISO is not privy to substation level details, also, these details change with time as projects withdrawal, new projects proposed, etc.
- Mapping
 - The CAISO publishes a map that identifies queue data by county annually.
 - The ISO is not prepared to develop a GIS mapping system or provide detailed, project-specific mapping resources.

Transmission Data

- A list of specific transmission data requests by various stakeholders
 - The ISO already provides much of this information in various sources
 - The ISO is not prepared to restructure how it publishes this existing data
 - The ISO is willing to consider this in the future as it evaluates
 - The cost, resource requirements, and benefits of use within the ISO and for other stakeholders
 - The outcome of the IPE Phase II confidential data discussion

Interconnection Queue Data and Site Exclusivity

- Stakeholders have requested very specific project-level data
 - The ISO considers much of this data as confidential.
 - The ISO is concerned that not all generator owners would agree to with sharing their project-specific details.
- IPE Phase II paper discusses and seeks stakeholder feedback on data confidentiality
 - The ISO provides no guarantee it will provide or publish any such data publicly, even following stakeholder feedback and comments, but is willing to entertain the discussion and evaluation.

Queue Clean-up and RIMS

Queue Clean-up

- The ISO supports the ideas provided in an effort to ‘clean-up’ the queue
 - The ISO does make significant efforts to ensure projects continue to progress towards commercial operation.
 - Commercial Viability Criteria, PPA requirements, Breach/Default notices, Interconnection and TPD changes are being proposed in IPE.
 - Constrained to operating within the bounds of the tariff and GIAs.

RIMS and ongoing Maintenance

- The ISO will continue to use RIMS for the generator interconnection process.
- The ISO teams have and will continue to work hard to continuously update RIMS with project-specific data as it is studied/approved.

Queue Clean-up and RIMS

Using RIMS for MMA processing

- The ISO is working towards uploading all MMA results into RIMS for records retention.
- The ISO is evaluating more efficient ways to process and transfer/save files related to MMA requests and approvals.

NEXT STEPS

Next Steps

- Please submit comments on the meeting discussion using the commenting tool linked on the initiative webpage
 - Comments are due by end of day June 14, 2022
- Please review the IPE Phase II paper for further discussion on potentially confidential information – being published June 7th.
- Visit initiative webpage for more information: [California ISO - Interconnection Process Enhancements 2021 \(caiso.com\)](https://www.caiso.com/initiative)
- If you have any questions, please contact isostakeholderaffairs@caiso.com



- The ISO is pleased to be hosting the Stakeholder Symposium in-person at the Safe Credit Union Convention Center in downtown Sacramento on Nov. 9 – 10, 2022
- Registration will be open in June
 - Public notice will be issued once the site is available
- Additional information is available on the Stakeholder Symposium page on ISO's website at:
<http://www.caiso.com/informed/Pages/MeetingsEvents/StakeholderSymposium/Default.aspx>
- Please direct questions to symposiumreg@caiso.com